

Embodiments of the invention generally provide a fiber trim apparatus and method. The apparatus and method are generally configured to trim an exposed fiber optic cable segment protruding from at least one optical interface being processed within a multi-stage integrated optical component processing system. The fiber trim apparatus generally includes a laser cutting tool adapted to direct at least one laser beam to the optical interface to trim at least some of an excess of fiber optic cladding and core extending from the at least one optical interface, and a trim positioning apparatus adapted to position the excess fiber optic cladding and core extending from the at least one optical interface between a pre-processing and processing position with respect to the laser cutting tool.